

Appln. No. 10/717,515
Amd. dated January 27, 2006

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A fuel cell separator molding method for molding an electrically conductive melted material, ~~comprising in a cavity that is comprised of a stationary die and a movable die, wherein~~ providing a ~~said cavity having has a~~ variable volume and a plurality of separator molding portions ~~are connected to each other in said one cavity,~~ providing a movable die for cooperation with the cavity, supplying the electrically conductive material to the cavity, and after or while said electrically conductive melted material is supplied to said cavity, moving the movable die ~~is moved~~ toward the stationary die to reduce the volume of said cavity, so that a plurality of fuel cell separators are molded at one time.

2. (Currently Amended) A fuel cell separator molding method according to claim 1, wherein the electrically

Appln. No. 10/717,515
Amd. dated January 27, 2006

conductive ~~melted~~ material is supplied to said cavity from one supply means and is compression molded.

3. (Currently Amended) A fuel cell separator molding method according to claim 1, wherein the electrically conductive ~~melted~~ material is supplied to said cavity from an injection device, directly through a gate portion only or through a sprue portion and the gate portion only, and is injection compression molded.

4. (Currently Amended) A fuel cell separator molding method according to claim 1, wherein said electrically conductive ~~melted~~ material is a melted resin material containing 60-95% by weight of an electrically conductive filler.

5. (Currently Amended) A fuel cell separator molding die for molding ~~injecting~~ an electrically conductive ~~melted~~ material into a cavity that is comprised of a stationary die and a movable die, wherein

said cavity has a variable volume and a plurality of separator molding portions are connected to each other in one cavity, and

the electrically conductive ~~melted~~ material is provided so that it can be supplied directly through a gate

Appln. No. 10/717,515
Amd. dated January 27, 2006

portion only or through a sprue portion and the gate portion only.

6. (Original) A fuel cell separator that is molded by the fuel cell separator molding method according to claim 1 and, then, separated into each piece.

7. (New) The fuel cell separator molding method of claim 3,

wherein said cavity having a variable volume is disposed in a substantially horizontal orientation and comprises four of said separator molding portions which extend horizontally from a centrally disposed inlet to the cavity from the injection device, the inlet being spaced substantially equidistant from all four separator molding portions, and

wherein the electrically conductive material is supplied to the cavity from an injection device.

8. (New) The fuel cell separator molding method of claim 7 wherein the electrically conductive material comprises a melted resin material.